



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/818,558	03/28/2001	Hiroshi Matsuda	862.C2162	9448

5514 7590 02/09/2005

FITZPATRICK CELLA HARPER & SCINTO  
30 ROCKEFELLER PLAZA  
NEW YORK, NY 10112

EXAMINER

SHAH, NILESH R

ART UNIT PAPER NUMBER

2127

DATE MAILED: 02/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/818,558

Applicant(s)

MATSUDA ET AL.

Examiner

Nilesh Shah

Art Unit

2127

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 13 January 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6,8,9 and 12-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6,8,9 and 12-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. Claims 1-6,8,9 and 12-20 are presented for examination.

#### *Claim Rejections - 35 USC § 103*

2. Claims 1-6, 8,9 and 12-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shima (6,333,789) and further in view of Courts et al (6,085,220) (hereinafter Courts).
3. As per claim 1, Shima teaches the invention substantially as claimed including a data processing apparatus comprising:
  - an image reader, adapted to read an image on a document and to generate data representing the image (col. 5 lines 25-30; col. 12 lines 18-21);
  - a communication unit adapted to receive data through a network (col. 4 lines 29-35, col. 5 lines 25-30);
  - a printer adapted to print an image based on input data (col. 4 lines 14- 18);
  - a processor adapted to perform plurality of jobs including a plurality of print jobs performed by using said printer(col. 3 lines 46-57; col. 5 lines 55-64; col. 9 lines 4-7; col. 6 lines 9-15);
  - a management unit adapted to manage information about the plurality of jobs a performed by said processor including status information regarding each of the plurality of print job (col. 8 lines 55-60; col. 4 lines 28-37) a type of input source of data to be use by said reader an image indicating at least one of said reader and said communication

limit and said the status information indicating whether each of the plurality of jobs is waiting to be performed or is being performed (col. 3 lines 46-57; col. 5 lines 55-64; col. 9 lines 4-7; col. 6 lines 9-15).

4. Shima does not specifically teach the use of a web page to manage jobs.

Courts teaches a generating unit adapted to generate a Web page indicating a list of the plurality of jobs and the status information managed by said management means unit (col. 7 lines 11-15, col. 10 lines 29-56) and a transmitter adapted to transmit the Web page generated by said generating unit to a Web (col. 7 lines 11-15, col. 10 lines 29-56). It would have been obvious to one skilled in the art at the time the invention was made to combine the teachings of Courts and Shima because Courts web based management system would improve Shima printing system by being able to keep track of all files in a central location.

5. As per claim 2, Courts an apparatus wherein said generating means unit generates a Web page according to HTML (col. 2 lines 30-34).
6. As per claim 3, Courts an apparatus wherein said transmitter transmits a Web page according to HTTP (col. 3 lines 34-40).

7. As per claim 4, Shima teaches an apparatus further comprising a sorting unit adapted to sort jobs performed by said processor in accordance with types of jobs (col. 2 lines 25-32).

Courts teaches wherein said generating unit generates a web page indicating information about the data stored in said storage (col. 7 lines 11-15, col. 10 lines 29-56).

8. As per claim 5, Courts teaches an apparatus further comprising storage, adapted to store data processed by jobs performed by said processor (col. 10 lines 12-22) and said generating unit generates a web page indicating information about the data stored in said storage (col. 7 lines 11-15, col. 10 lines 29-56).

9. As per claim 6, Courts teaches an apparatus further comprising of a receiver adapted to receive a request from the Web browser, wherein said generating unit generates a Web page in accordance with the request received by said receiver (col. 10 lines 33-55).

10. As per claim 8, Courts teaches an apparatus further comprising ' a sender, adapted to send data stored in said storage in accordance with the request received by said receiver (col. 7 lines 11-15, col. 10 lines 29-56).

Art Unit: 2127

11. As per claim 9, Courts teaches an apparatus wherein said management units rewrites managed information in accordance with the request received by said receiver (col. 9 lines 50-57).

12. As per claim 12, Shima teaches data processing apparatus comprising:

a connector adapted to connect said data processing apparatus to an image processing apparatus having a Web server function and an image printing function including a function of printing an image read by an image reader for reading an image on a document and a function of printing data received through a network(col. 4 lines 29-35, col. 5 lines 25-30);

a receiver, adapted to receive a web page indicating a list of a plurality of jobs including a plurality of print jobs with status information of the plurality of jobs and a type of input source of the plurality of print jobs wherein the plurality of print jobs is performed by said image processing apparatus connected by said connector the status information indicating whether each of the print jobs is in waiting to be performed or is being performed and the type of input source indicating at least one of the image reader and the network; (col. 4 lines 29-35, col. 5 lines 25-30).

an input unit adapted to input an instruction to manipulate one of the plurality of jobs on the basis of the Web page received by said receiver(col. 5 lines 25-30); and

a transmitter adapted to transmit the instruction input by said input unit to said image processing apparatus through said connector (col. 4 lines 29-35).

Courts teaches said receiver-receives the Web page sent from the image processing apparatus in response to the instruction transmitted by said transmitter (col. 7 lines 11-15, col. 10 lines 29-56).

13. As per claim 13, Shima teaches an apparatus wherein the instruction input by said input unit includes an instruction to make said image processing apparatus print an image based on the data and an instruction to indicate a print parameter (col. 4 lines 5-20).

14. As per claim 14, Shima teaches an apparatus wherein the instruction input by said input unit includes an instruction to make said image processing apparatus send the data and an instruction to indicate a destination (col. 4 lines 28-33).

15. As per claim 15, Shima teaches an apparatus further comprising a determination unit adapted to determine whether the instruction input by said input unit is appropriate, wherein said transmitter does not transmit the instruction if said determination unit determines that the input is not appropriate (col. 5 lines 25-30, col. 10 lines 37-44).

16. As per claim 16 Shima teaches control method for a data processing system including a data processing apparatus which has a Web server function and can perform a plurality of jobs including a plurality of print jobs for image data from a reader and a sender on a network, and a client terminal having a Web browse function (col. 5 lines 25-30, col. 10 lines 37-44) said method comprising the steps of:

give an instruction the data processing apparatus manipulate one of the plurality of jobs on the basis of the received Web page(col. 10 lines 37-44)., and transmit the instruction to the data processing apparatus wherein the client apparatus receives the Web page sent from the data processing apparatus in response to the instruction transmitted from the client terminal (col. 5 lines 25-30, col. 10 lines 37-44).

Courts teaches causing the data processing apparatus to manage information about the plurality of print jobs including (i) a type of input source of data to be printed by a printer as an image which indicates at least one of the reader and the sender on the network. and (ii) status information of the plurality of print jobs which indicates whether each of the plurality of print jobs is waiting to be performed or is being performed (col. 7 lines 11-15, col. 10 lines 29-56), generate a Web page indicating a list of the plurality of print jobs and the status information managed in said managing step (col. 10 lines 29-56).

17. Claims 17-19 are rejected based on the same rejection as claims 1 and 16 above.

18. Claim 20 is rejected based on the same rejection as claims 1 and 12 above.

#### ***Response to Arguments***

19. Applicant's arguments filed 1-13/05 have been fully considered but they are not persuasive. Applicant states Shima does not teach an (a) image reader and (b) a management unit.



Art Unit: 2127

20. Shima clearly teaches an (a) image reader which is able to generate data representing the image (col. 5 lines 25-30; col. 12 lines 18-21); (b) a management unit (col. 8 lines 55-60; col. 4 lines 28-37). Courts et al also teaches (b) management unit (col. 7 lines 6-17).

***Conclusion***

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nilesh Shah whose telephone number is (571)272-3771. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An can be reached on (571)272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nilesh Shah  
Examiner  
Art Unit 2127

  
**MENG-AL T. AN**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

NS  
February 1, 2005